

Detection of caspase-8 in presence and absence of caspase-3 and its fluorogenic substrate

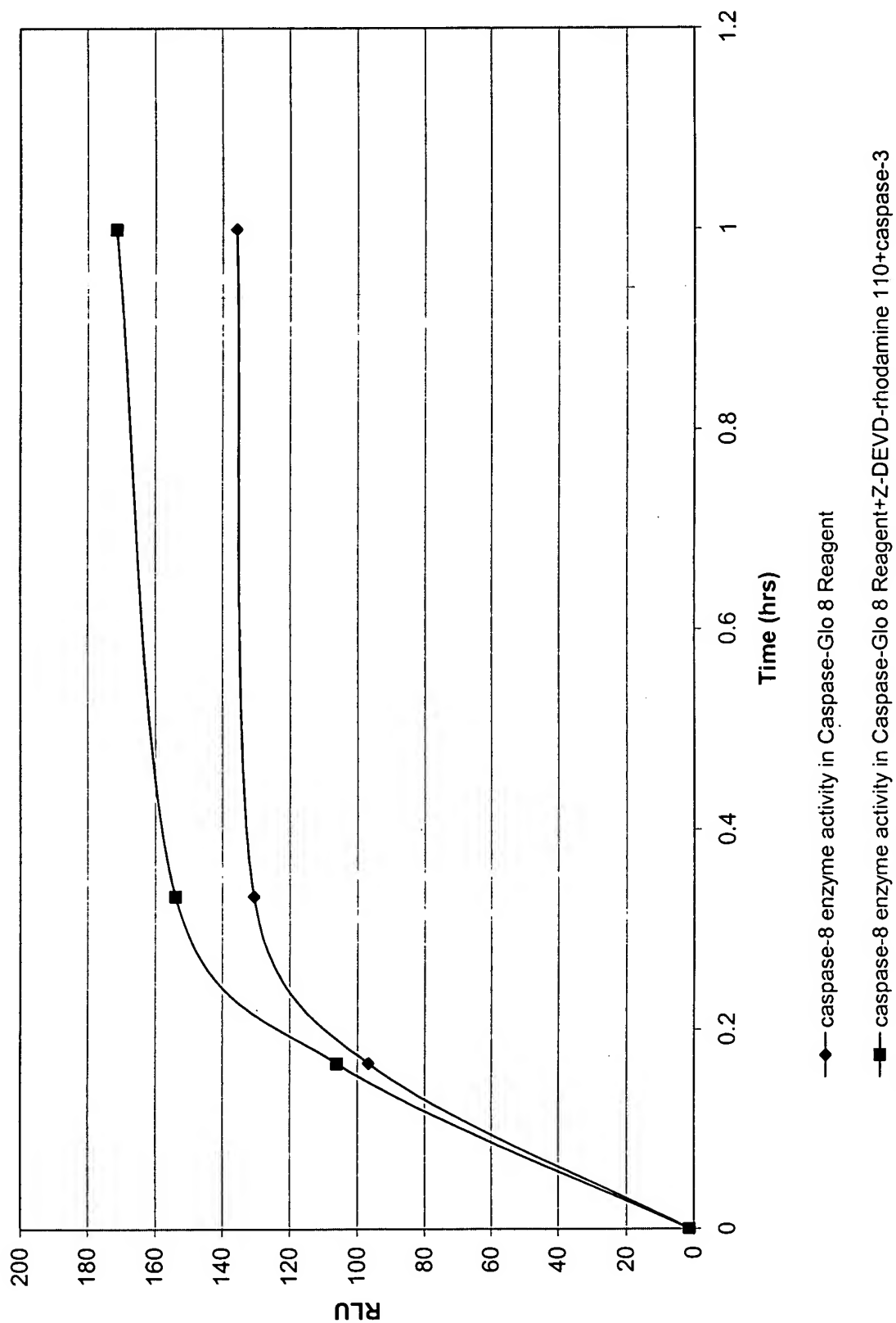


Fig 1A

Multiplex assay of caspase-3 and caspase-8; fluorescence

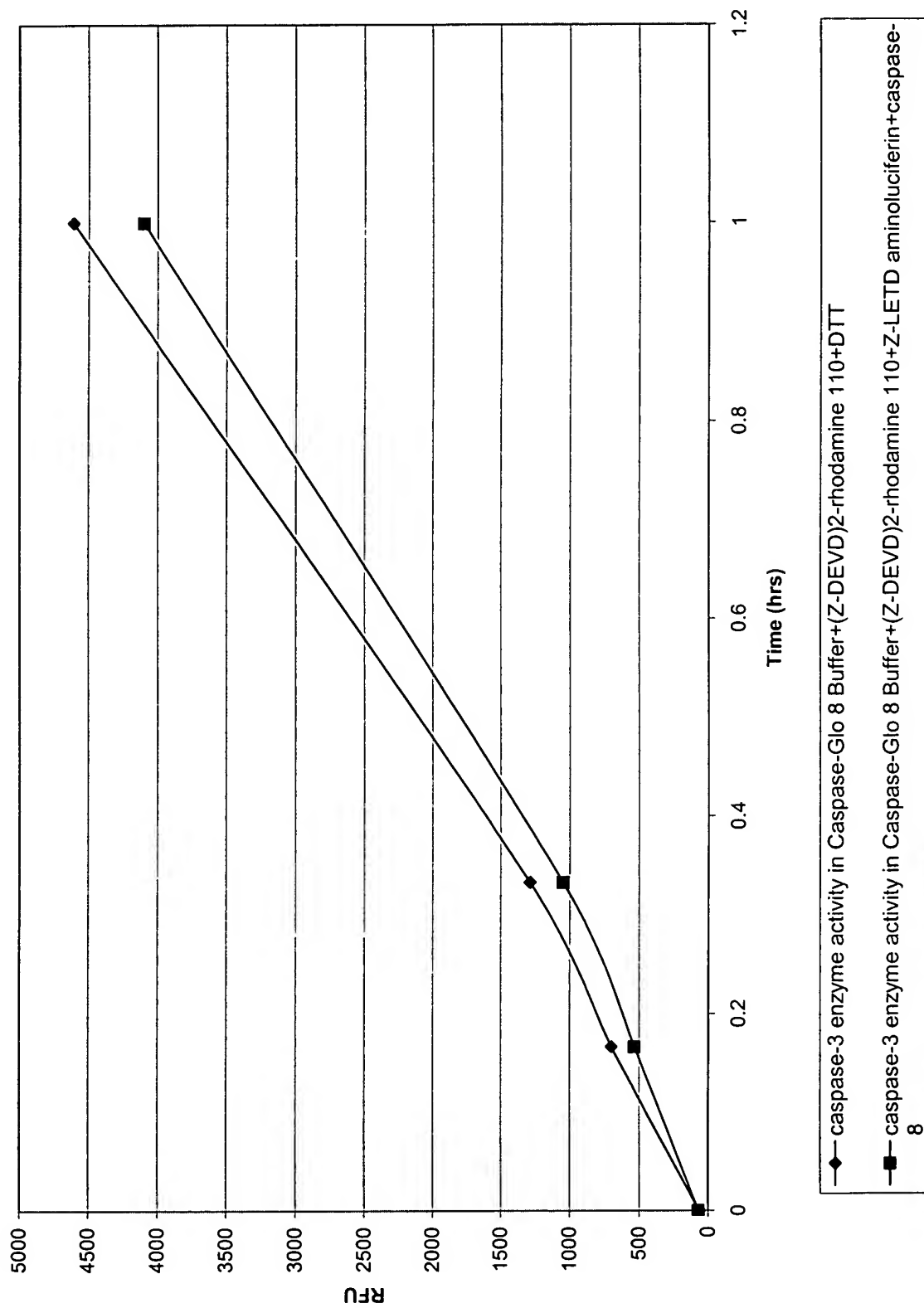


Fig 1B

**Signal to background fluorescence for AMC; multiplex assay of
caspase-3 and caspase-8**

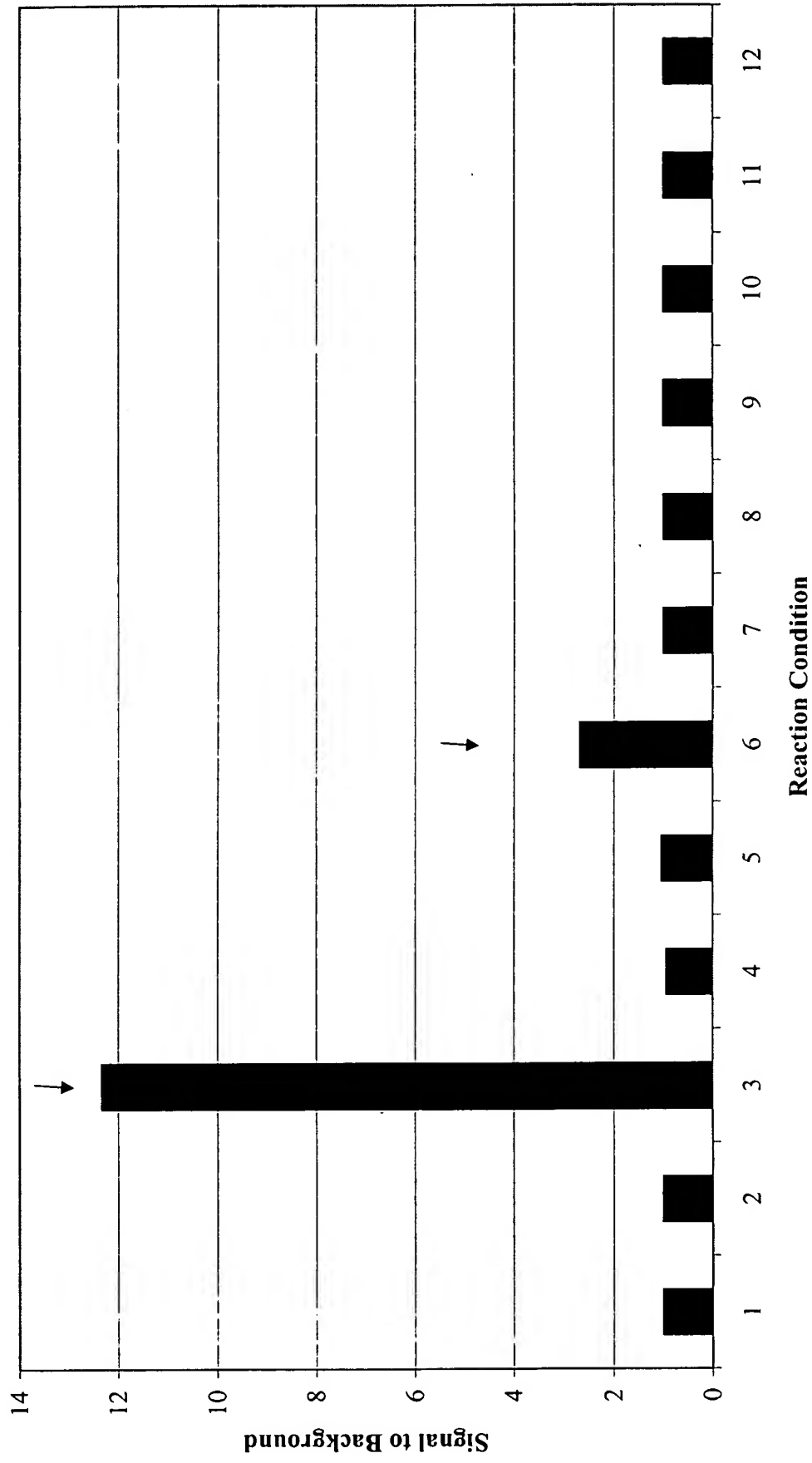


Fig 2A

**Signal to background fluorescence for rhodamine 110; multiplex
assay of caspase-3 and caspase-8**

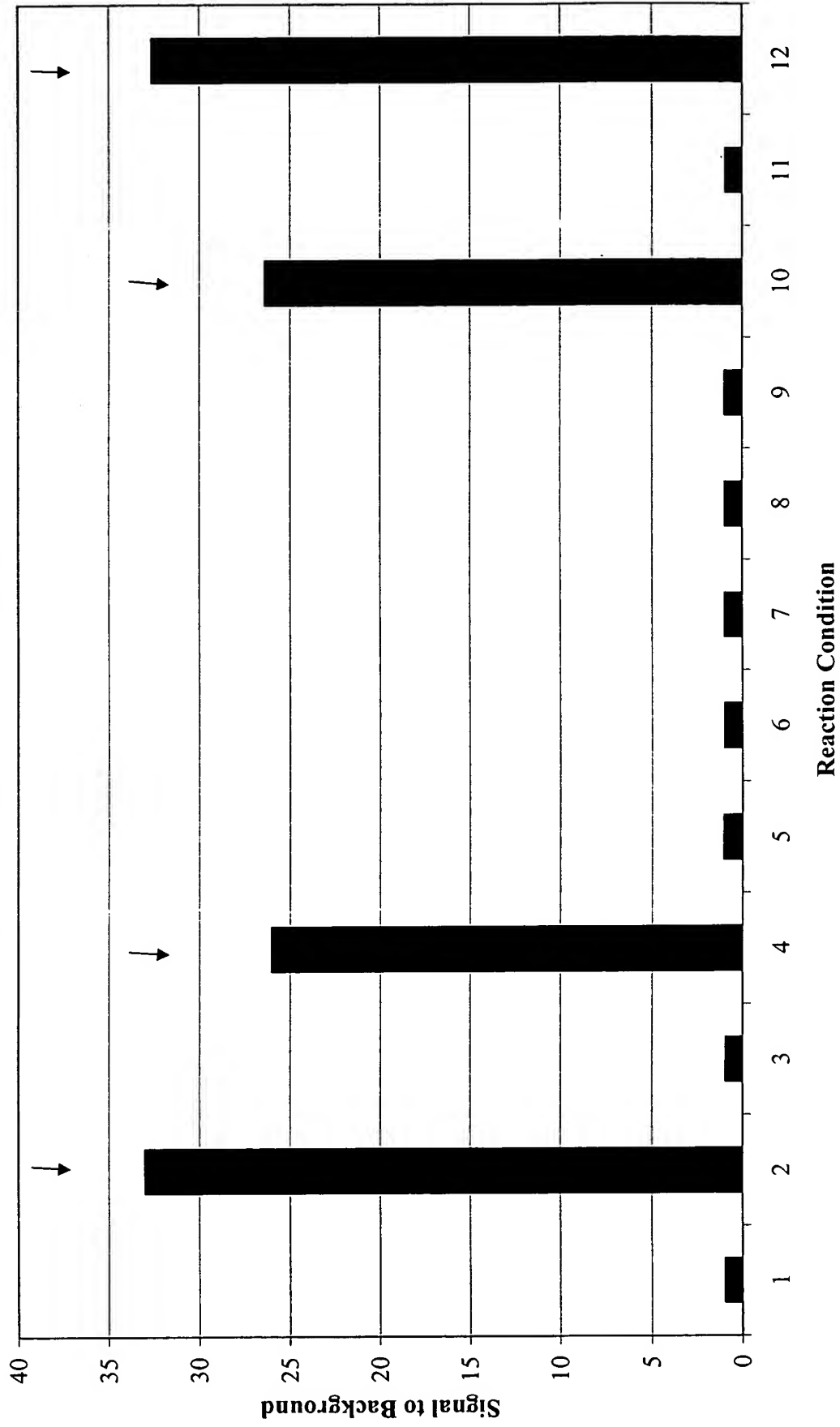


Fig 2B

Signal to background for luminescence; multiplex assay of caspase-3 and caspase-8

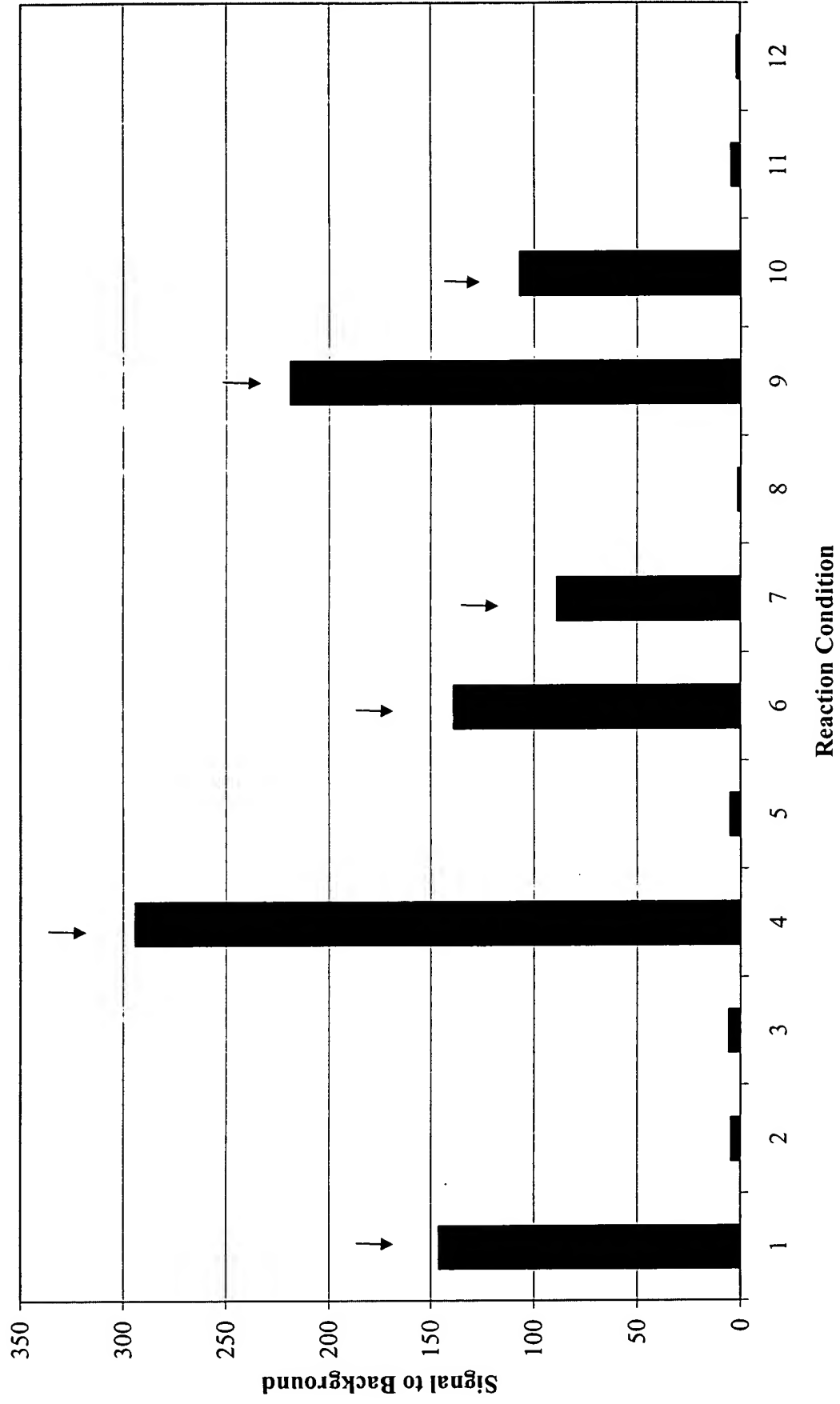


Fig 2C

Triplex assay of caspase-3, caspase-8 and trypsin; rhodamine 110 fluorescence

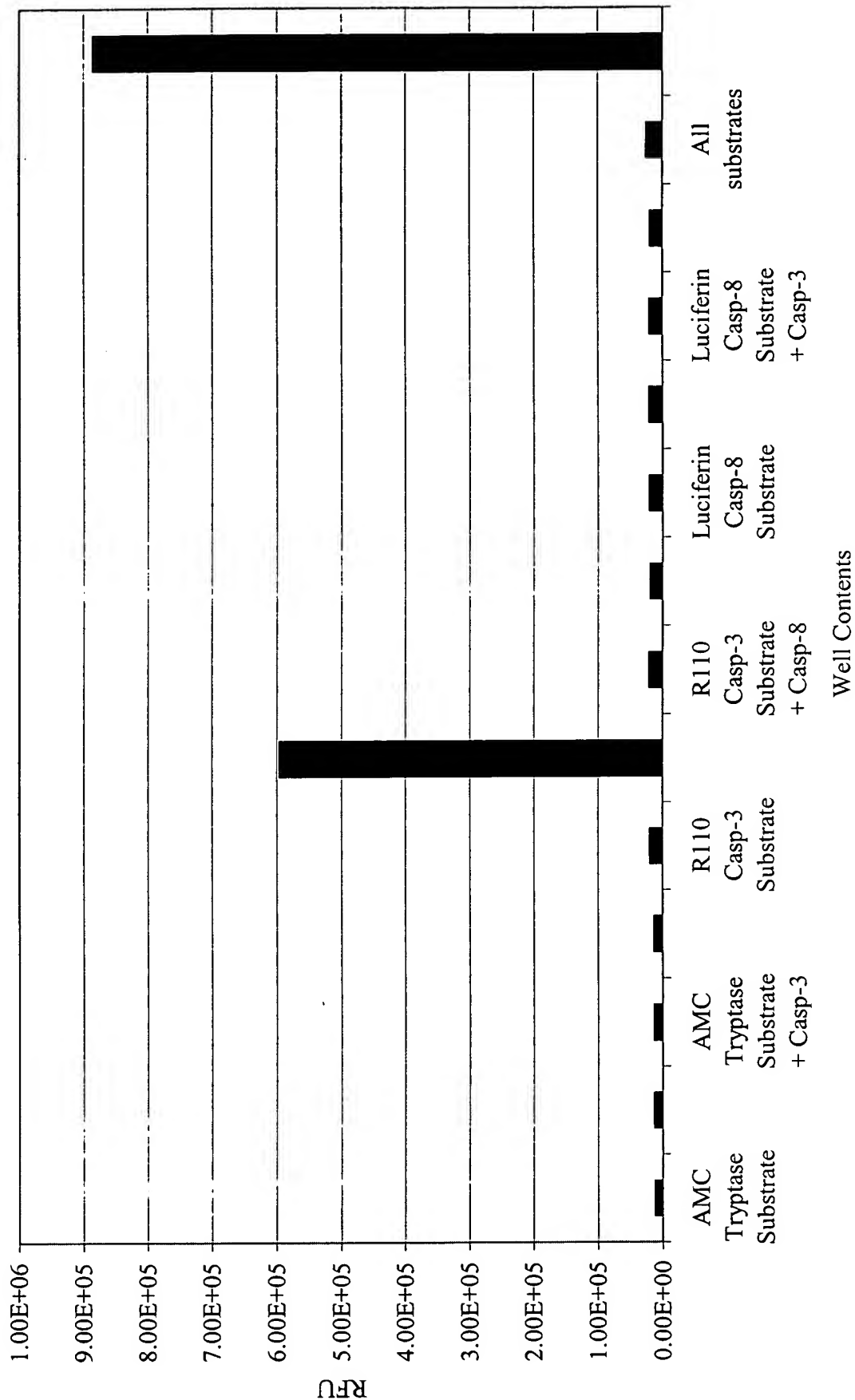


Fig 3A

Condition	RFU (approx.)
AMC Trypsin Substrate	0.10E+06
AMC Trypsin Substrate + Trypsin	3.10E+06
AMC Trypsin Substrate + Casp-3	0.15E+06
AMC Trypsin Substrate + Casp-3 + Casp-8	0.18E+06
AMC Trypsin Substrate + Casp-3 + Casp-8 + Trypsin	0.20E+06
R110 Casp-3 Substrate	0.05E+06
R110 Casp-3 Substrate + Casp-8	0.05E+06
R110 Casp-3 Substrate + Casp-8 + Trypsin	0.05E+06
Luciferin Casp-8 Substrate	0.10E+06
Luciferin Casp-8 Substrate + Casp-3	0.10E+06
Luciferin Casp-8 Substrate + Casp-3 + Trypsin	0.10E+06
All substrates	0.10E+06
All substrates with all enzymes	1.05E+06

Fig 3B

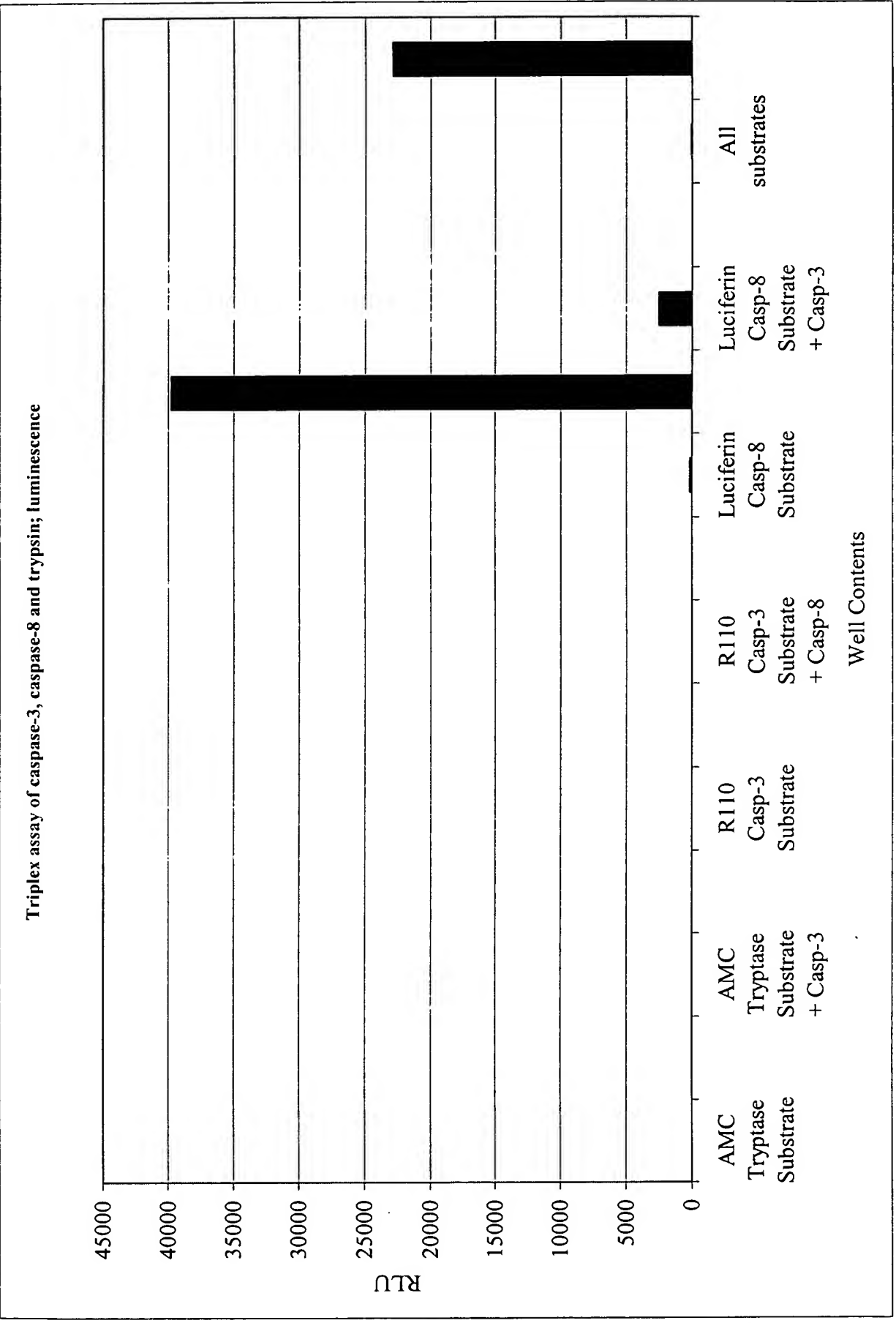


Fig 3C

Multiplex assay of B-galactosidase and caspase-3: Luminescence

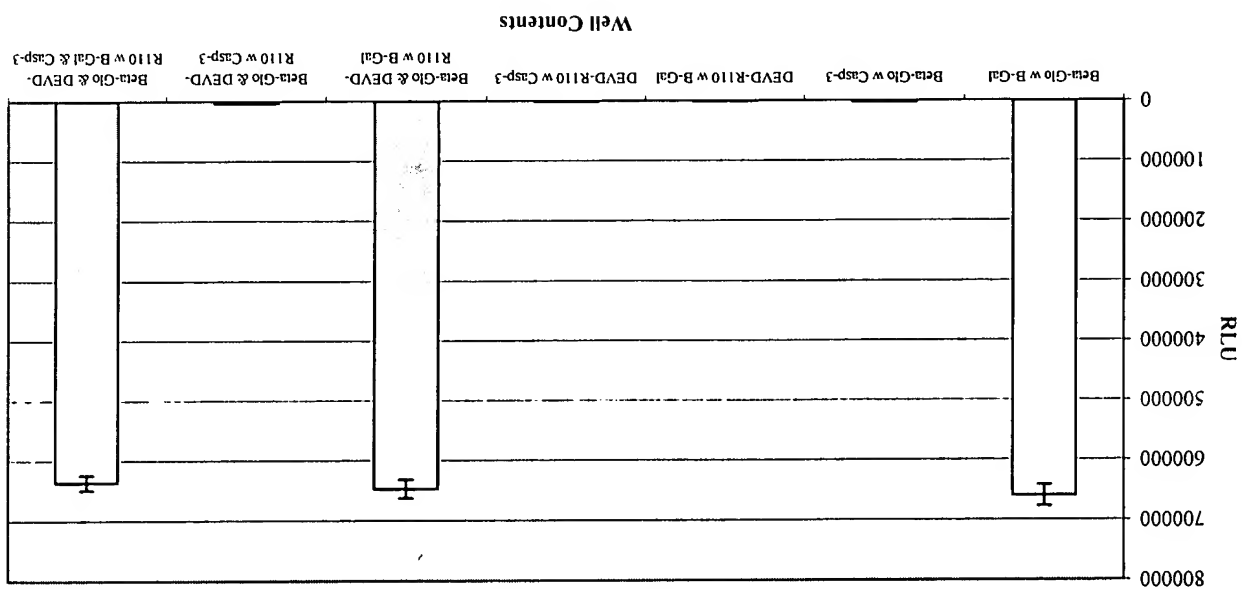


Fig 4A

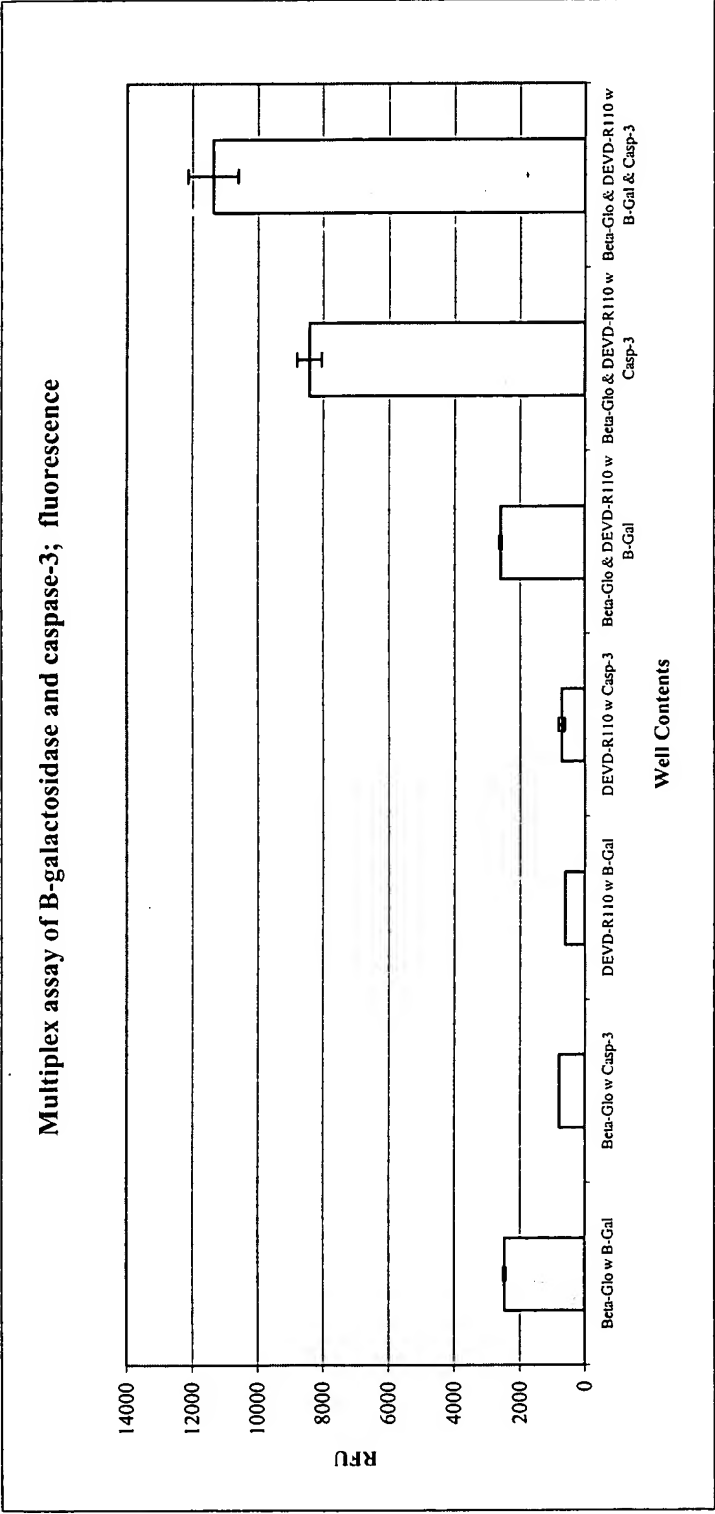


Fig 4B

Multiplex assay of B-galactosidase and caspase-3; luminescence at 18hrs

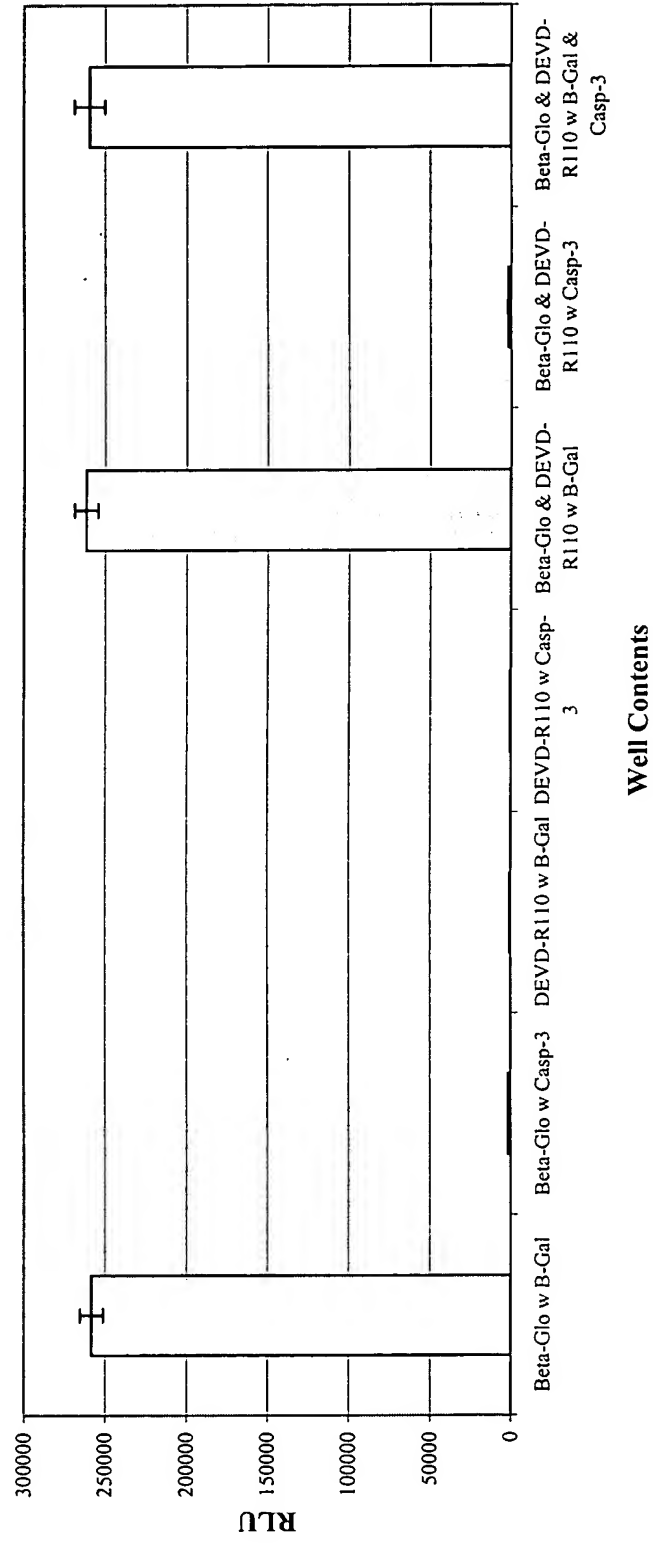


Fig 4C

Multiplex assay of B-galactosidase and caspase-3; fluorescence at 18hrs

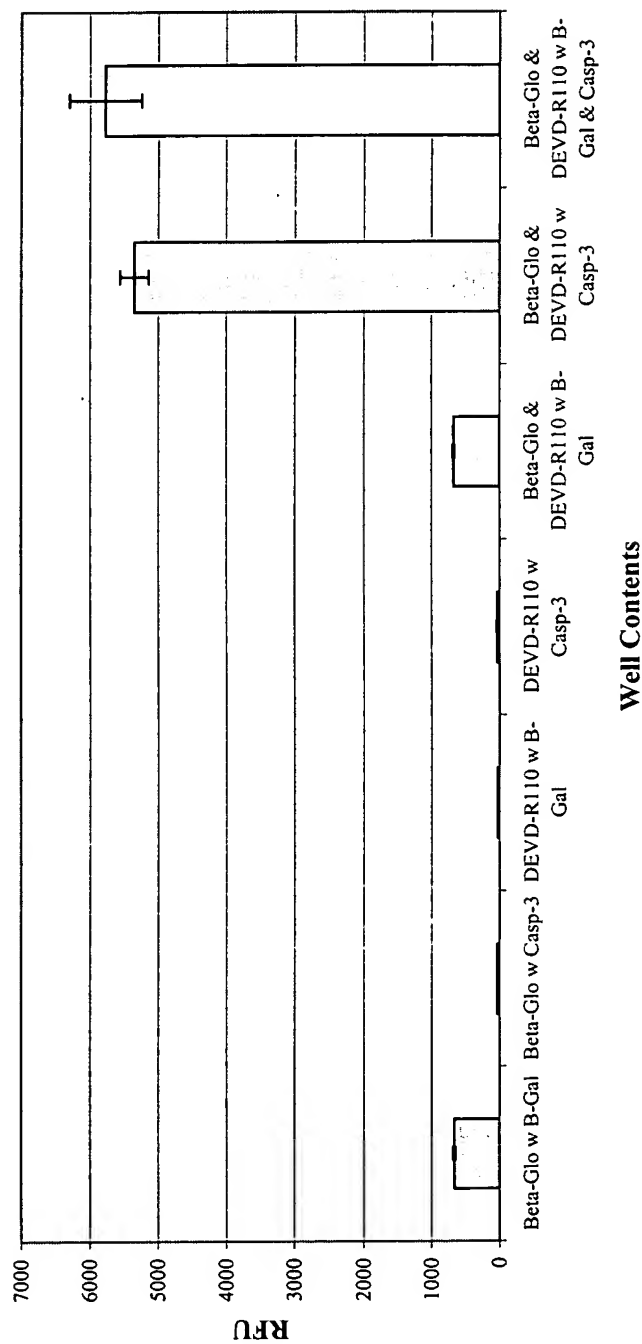
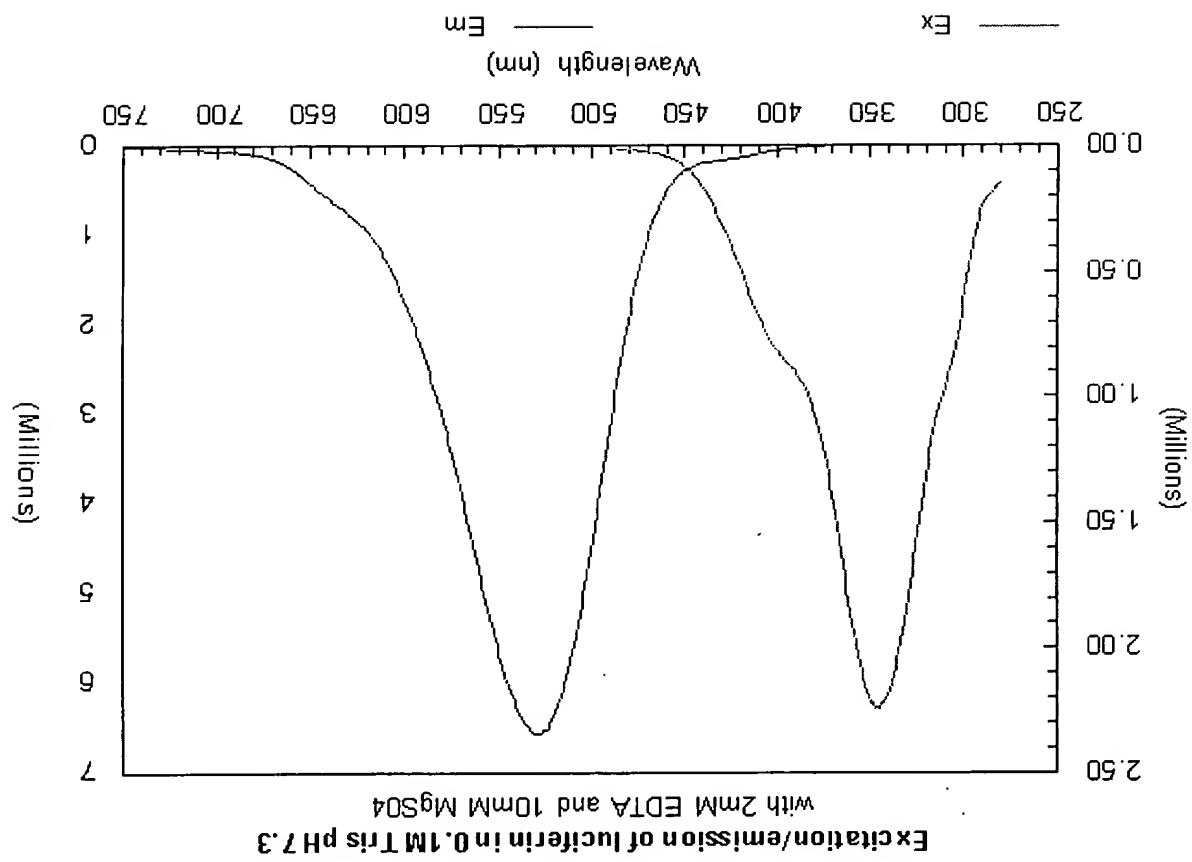


Fig 4D

Fig 5A



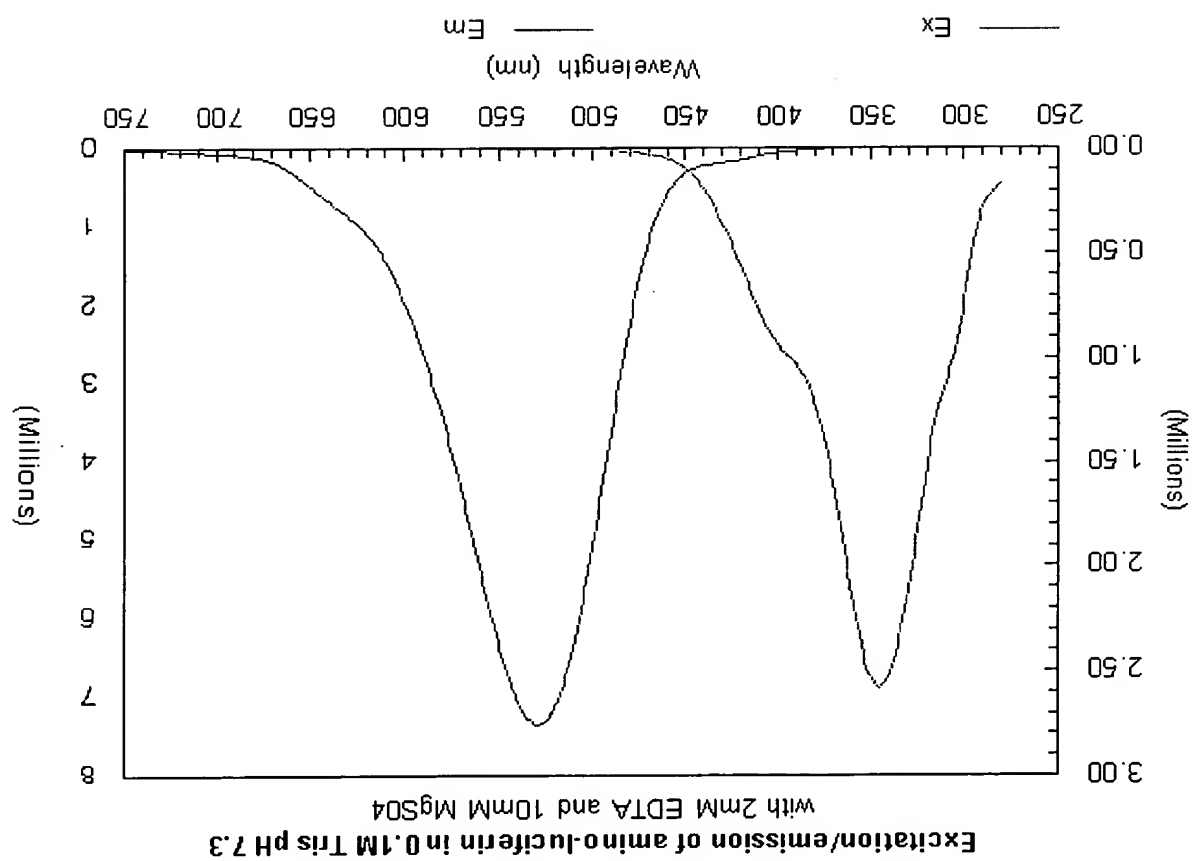
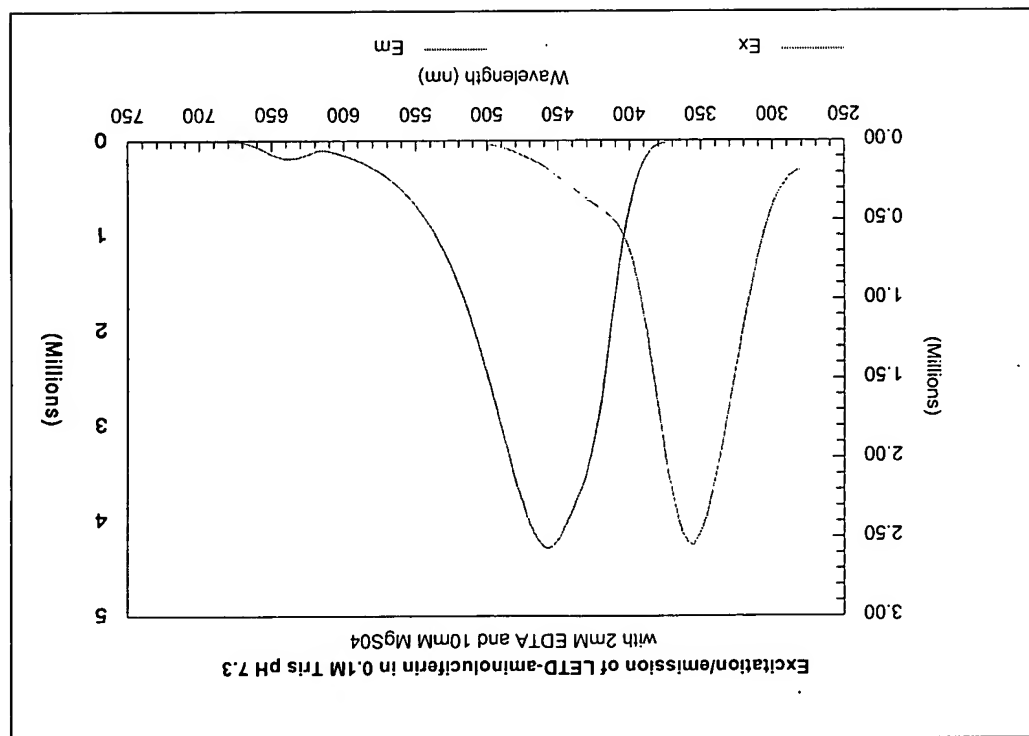


Fig 5B

Fig 5C



Multiplexed Caspase-3/7 Assays: Signal to Background Ratios in Three Channels

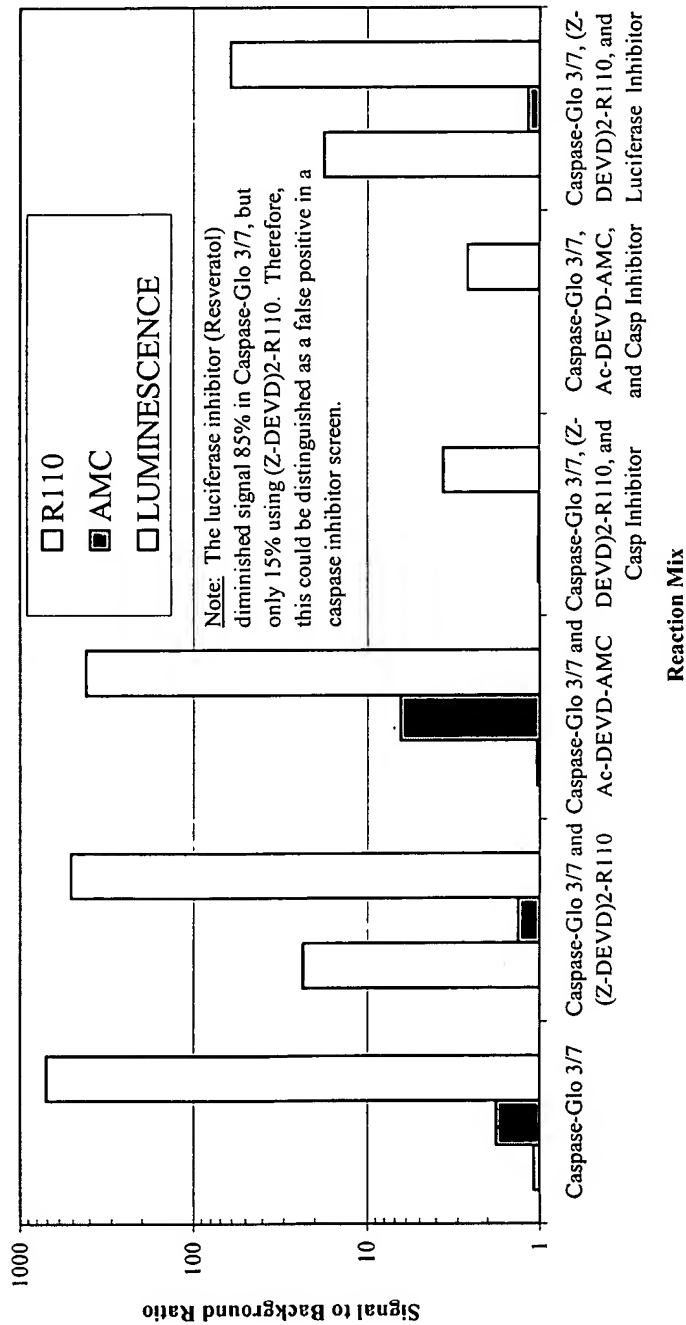


Fig 6

Detection of ATP in presence of LDH detection reagent

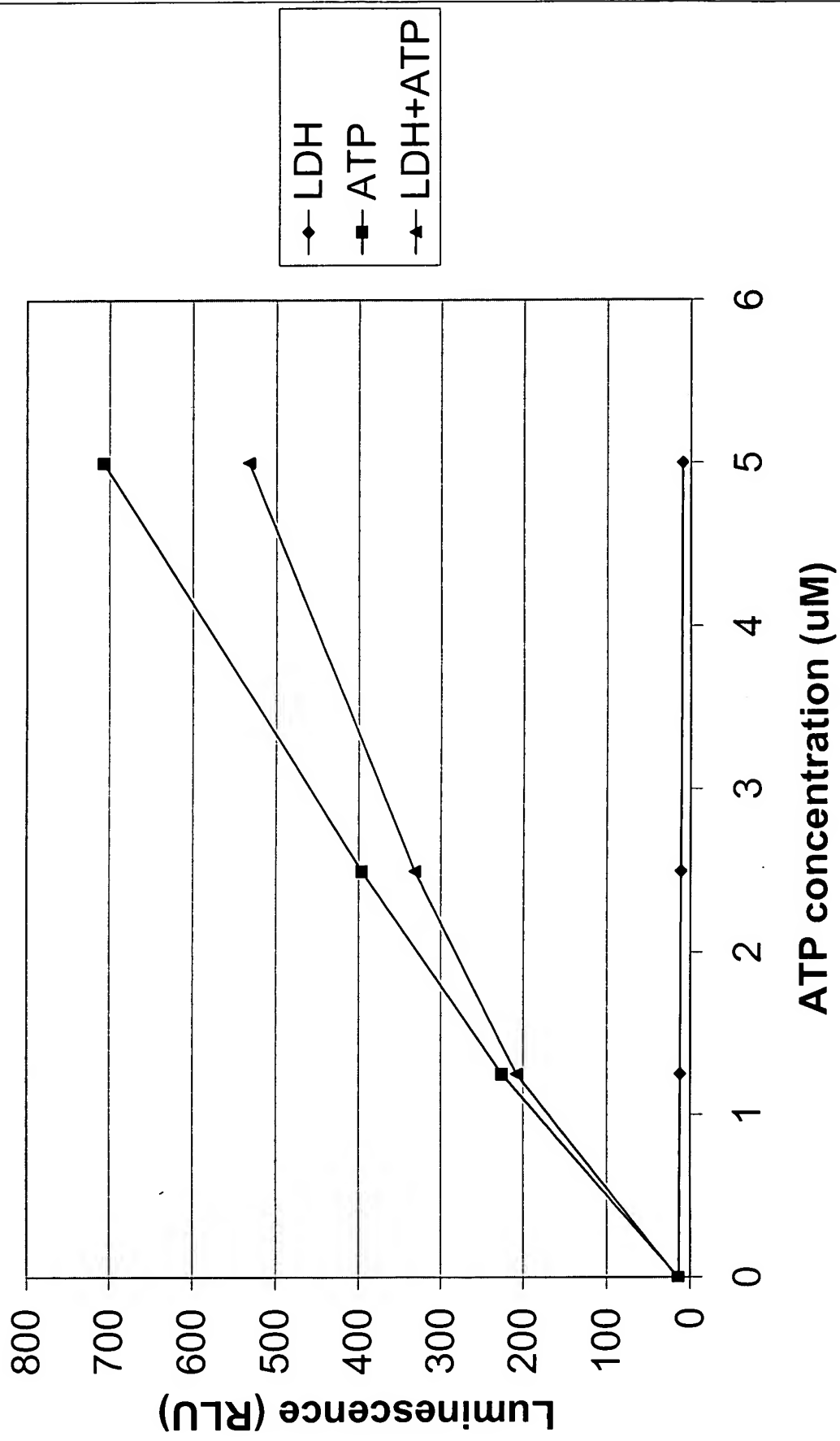


Fig 7A

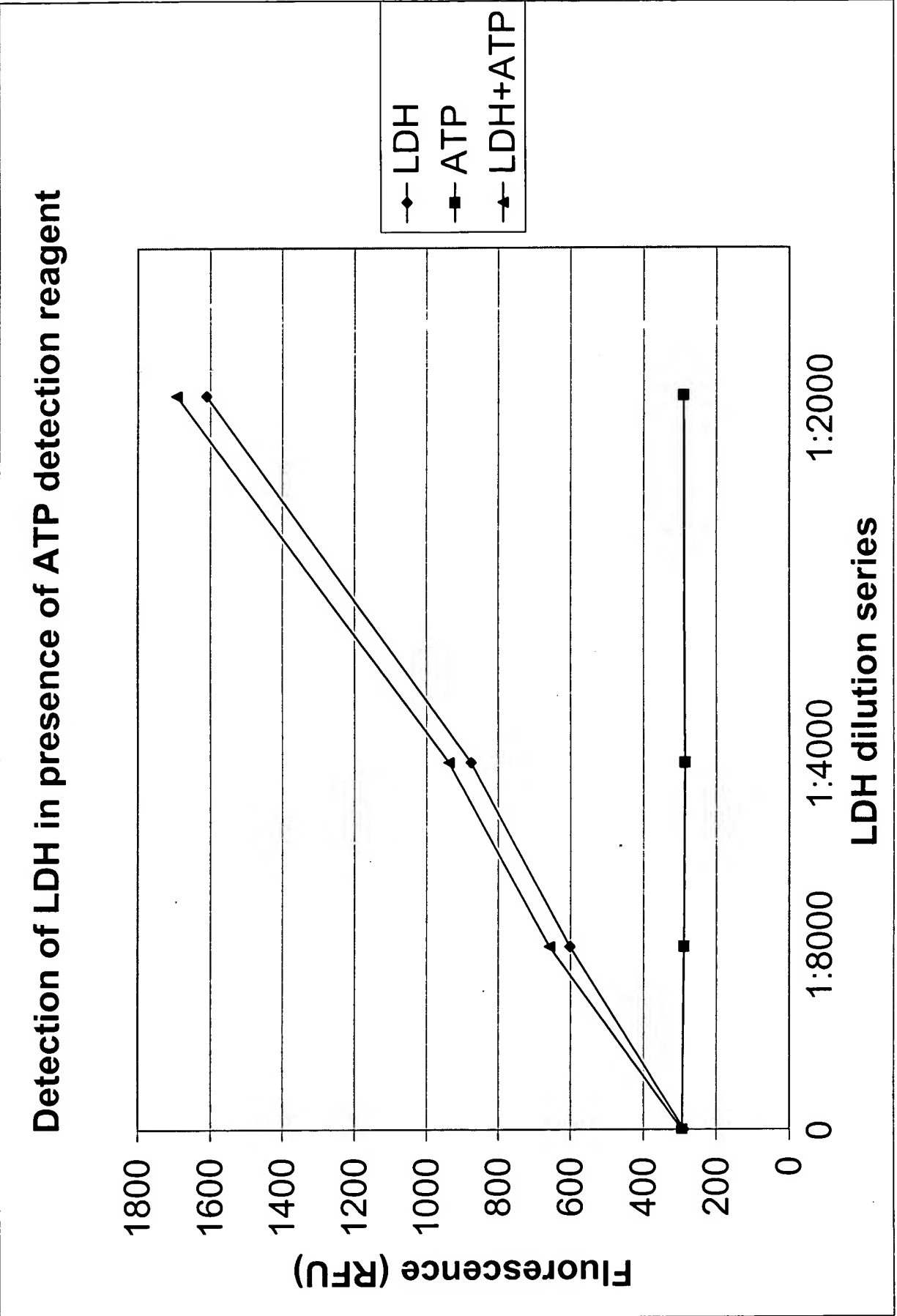


Fig 7B

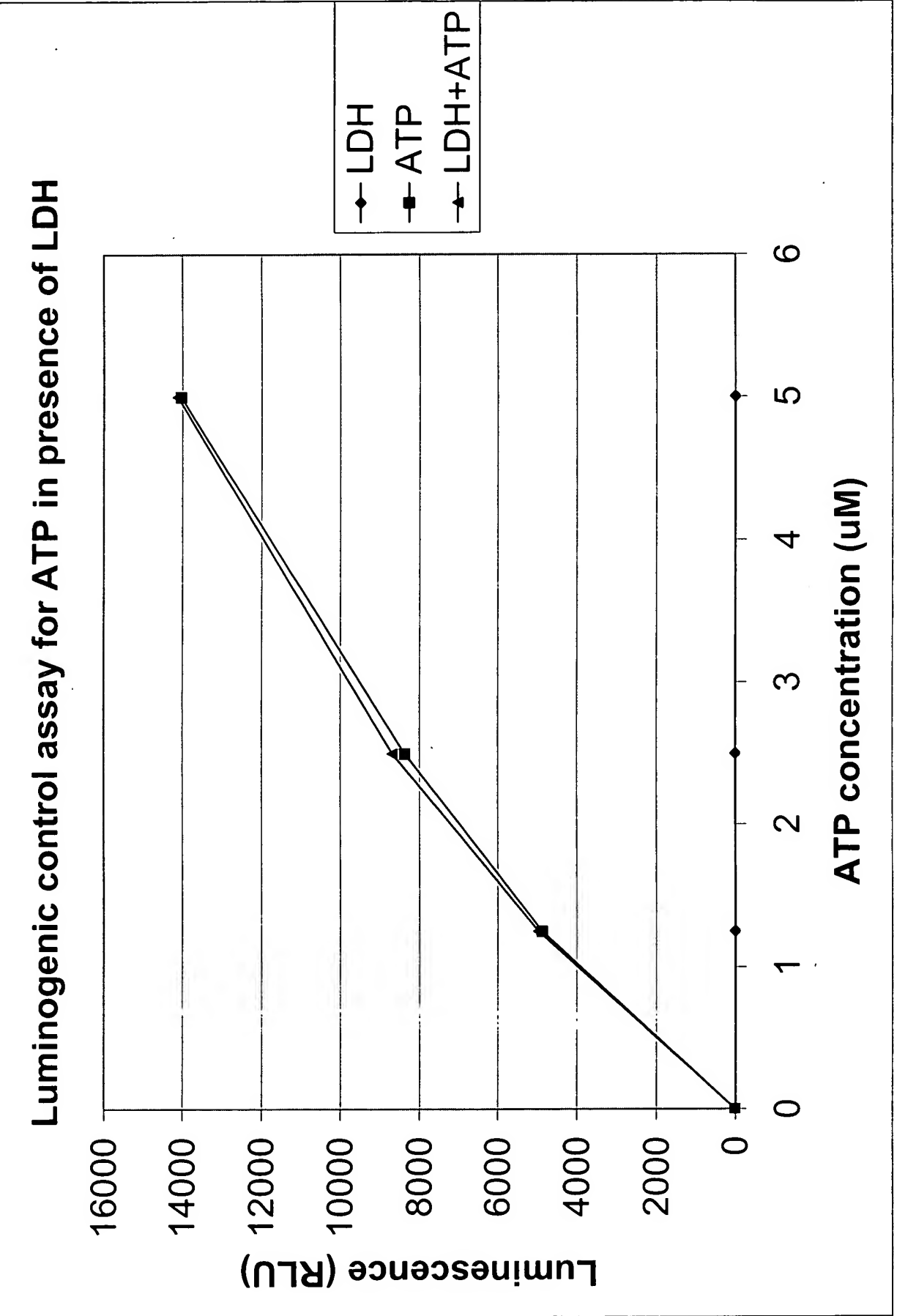


Fig 7C

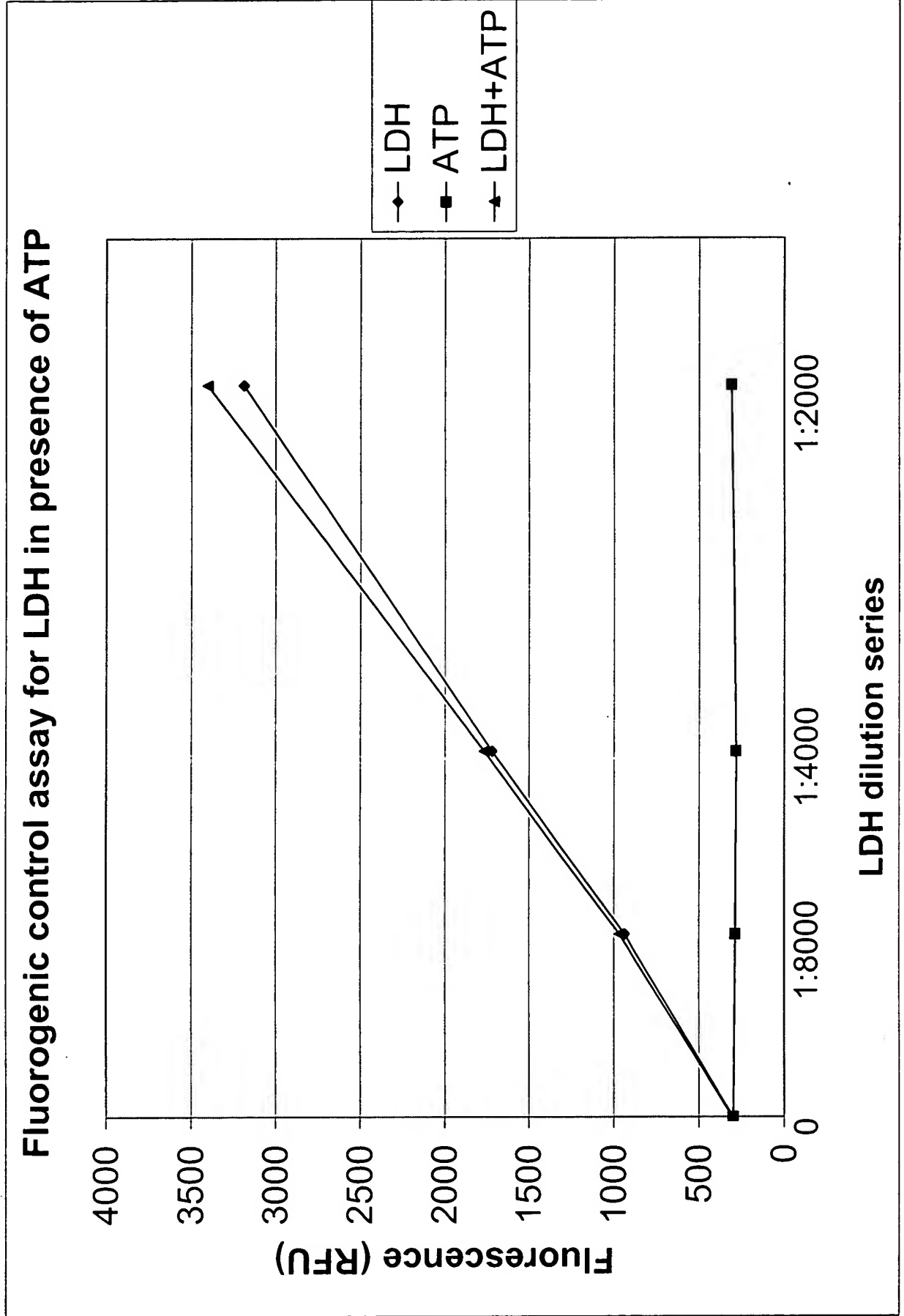


Fig 7D

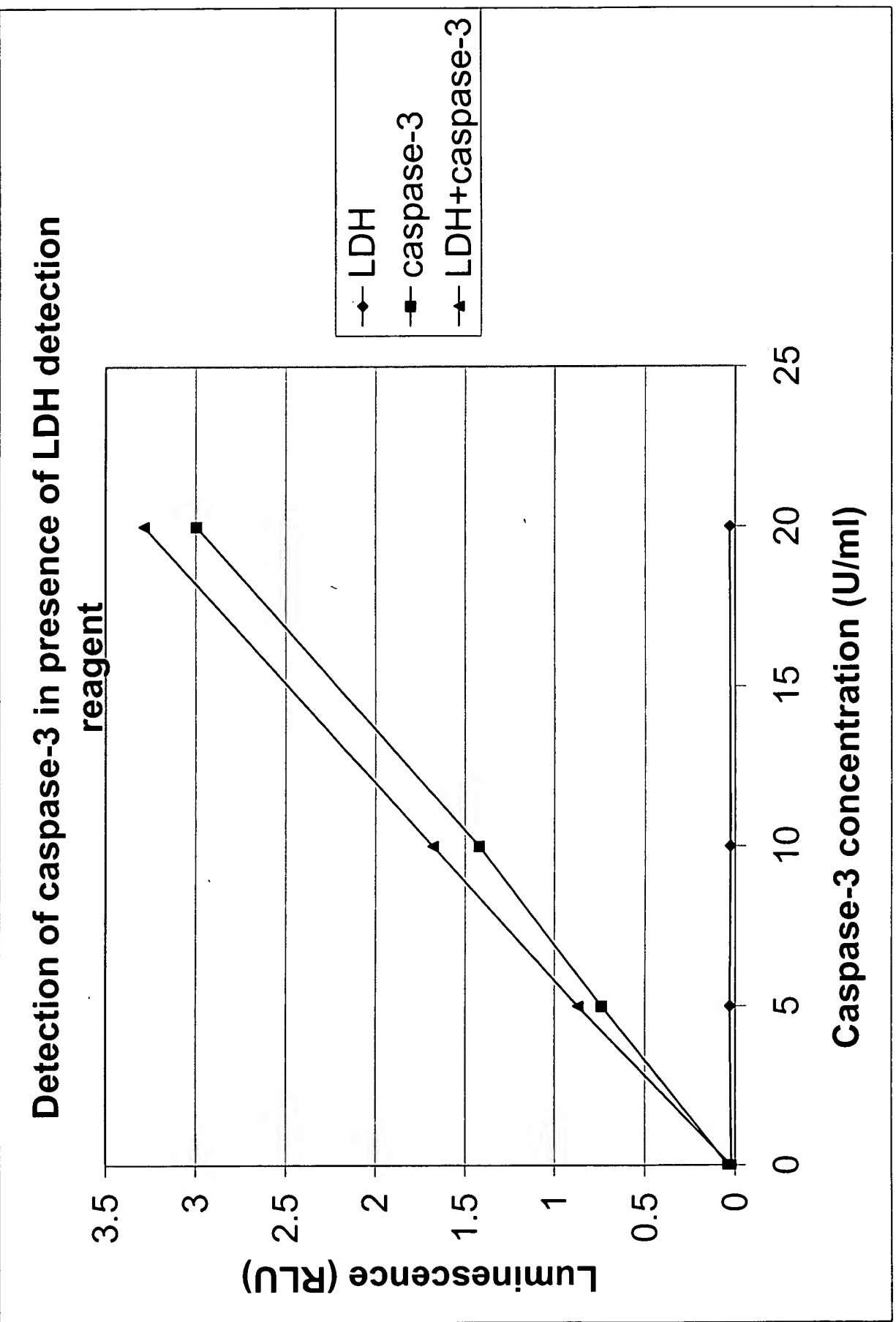


Fig 8A

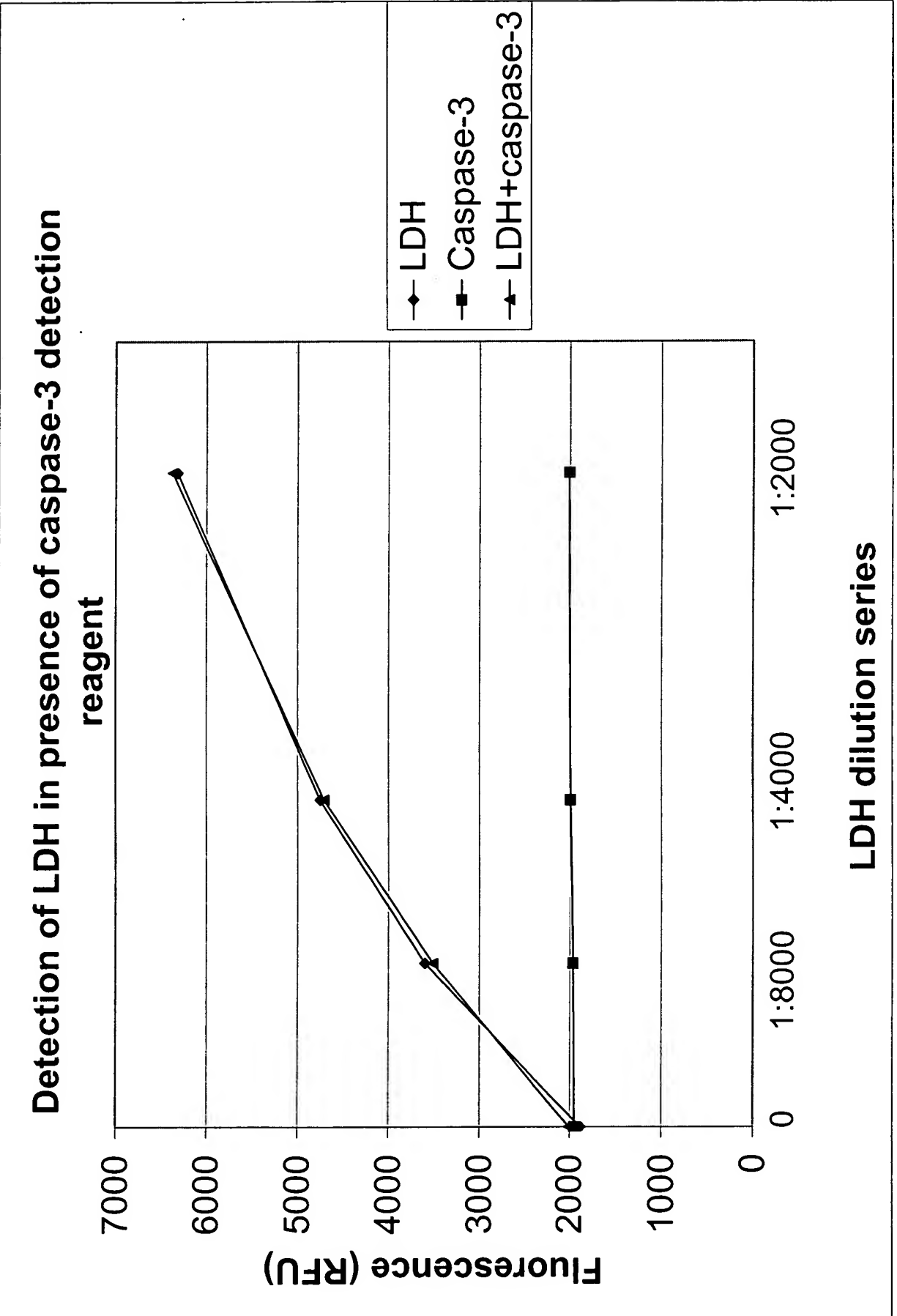


Fig 8B

Luminogenic control assay for caspase-3 in presence of LDH

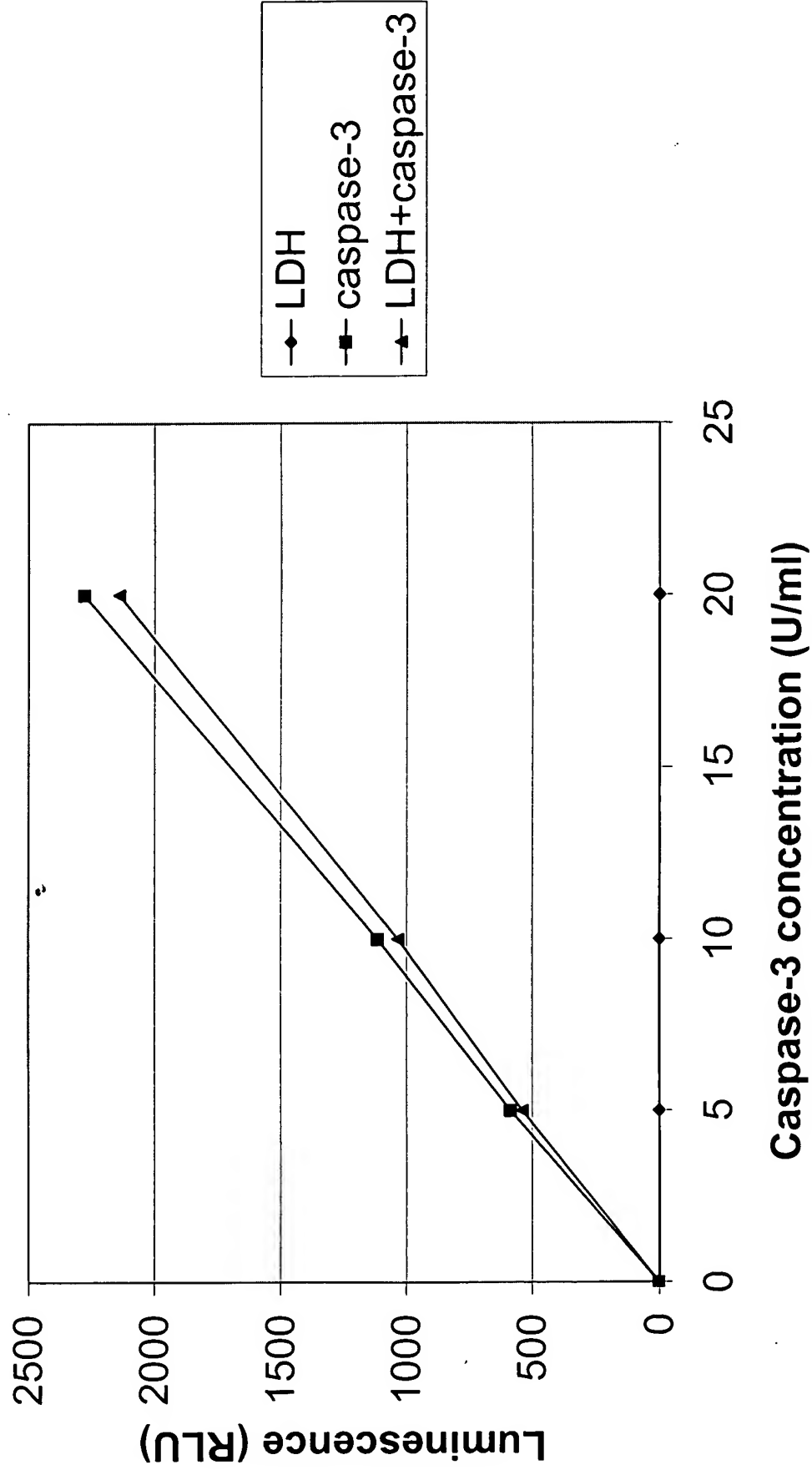


Fig 8c

Fluorogenic assay control for LDH in presence of caspase-3

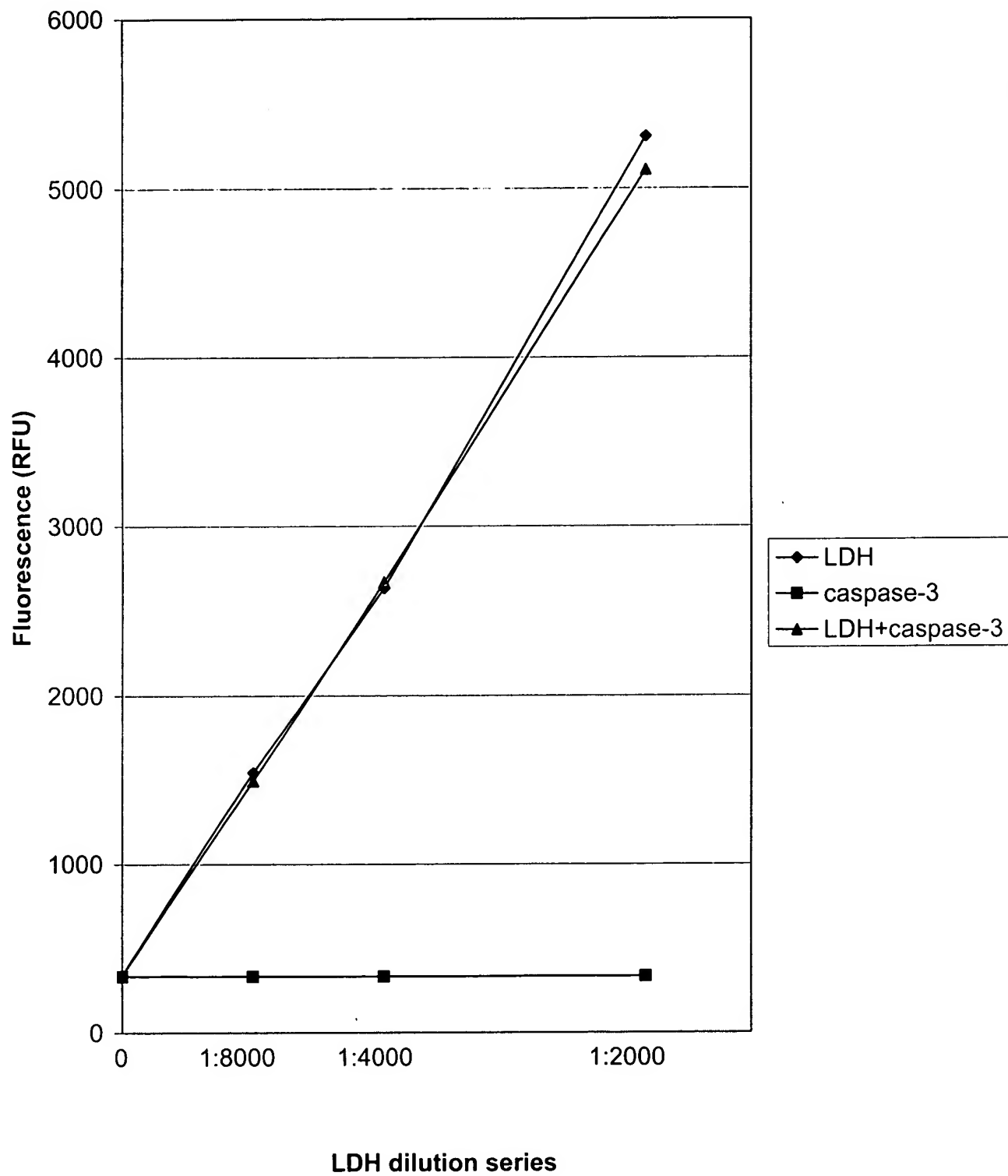


Fig8D

Detection of caspase-3 in presence of PKA detection reagent

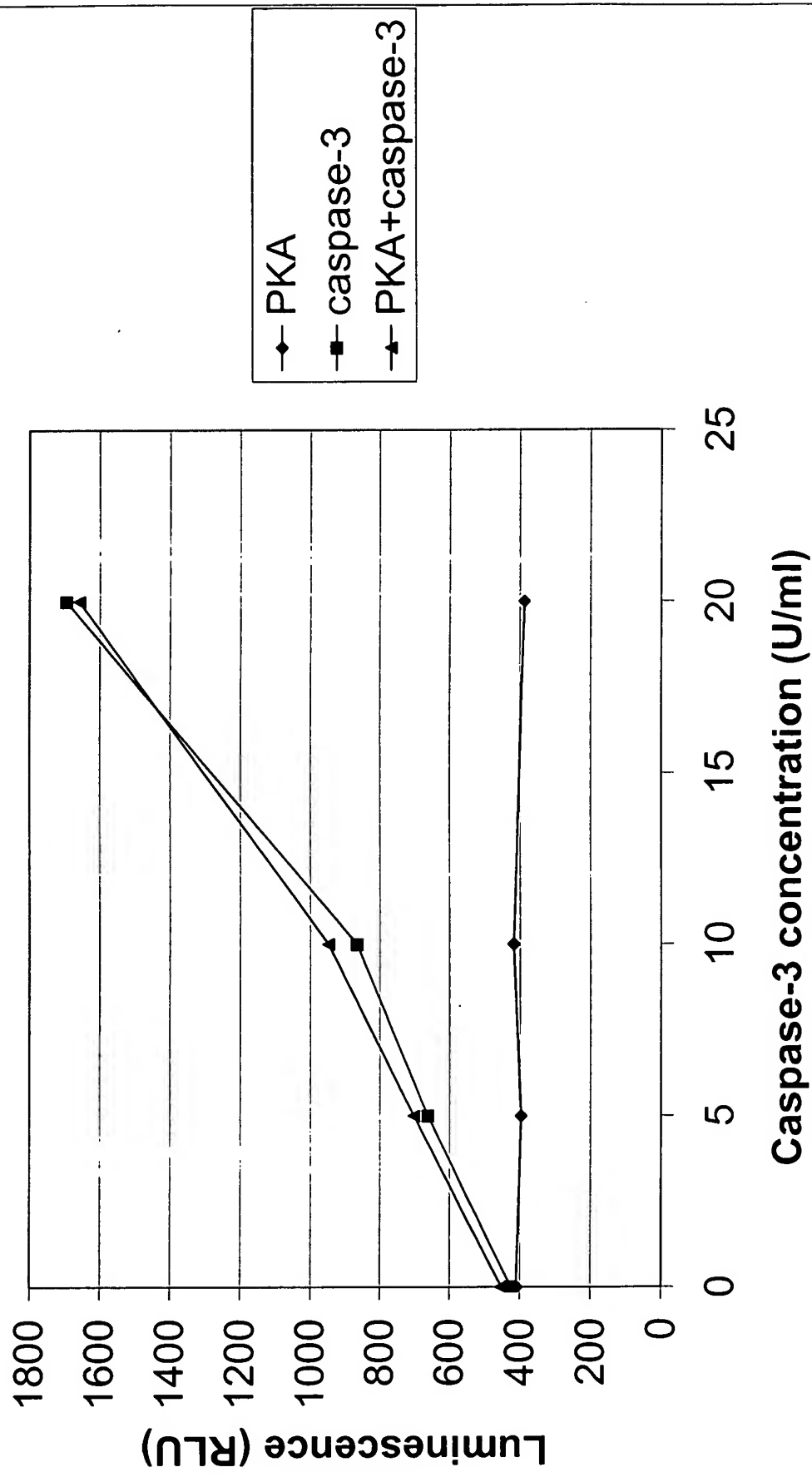


Fig 9A

Detection of PKA in presence of caspase-3 detection reagent

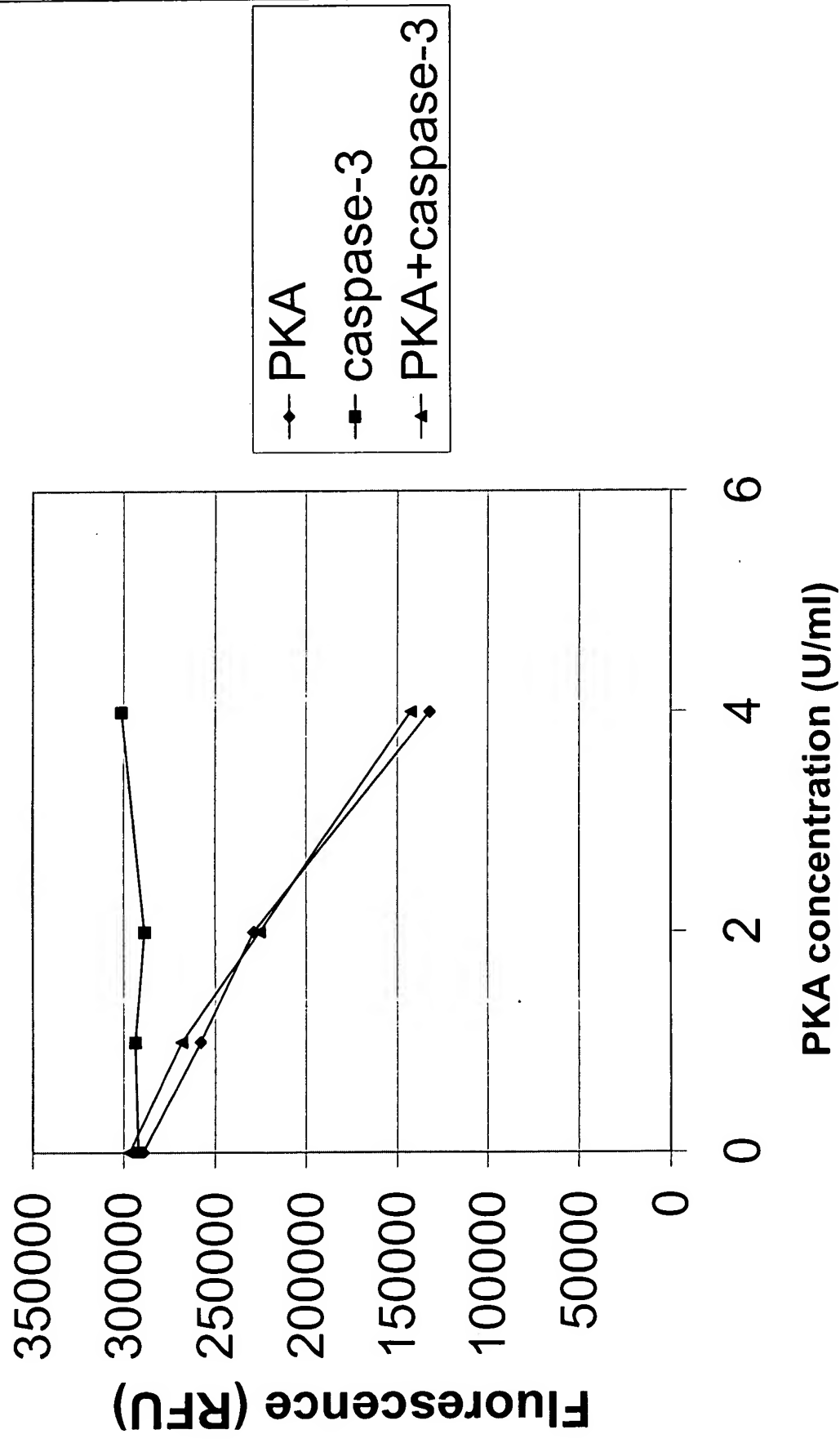


Fig 9B

Luminogenic control assay for caspase-3 in presence of PKA

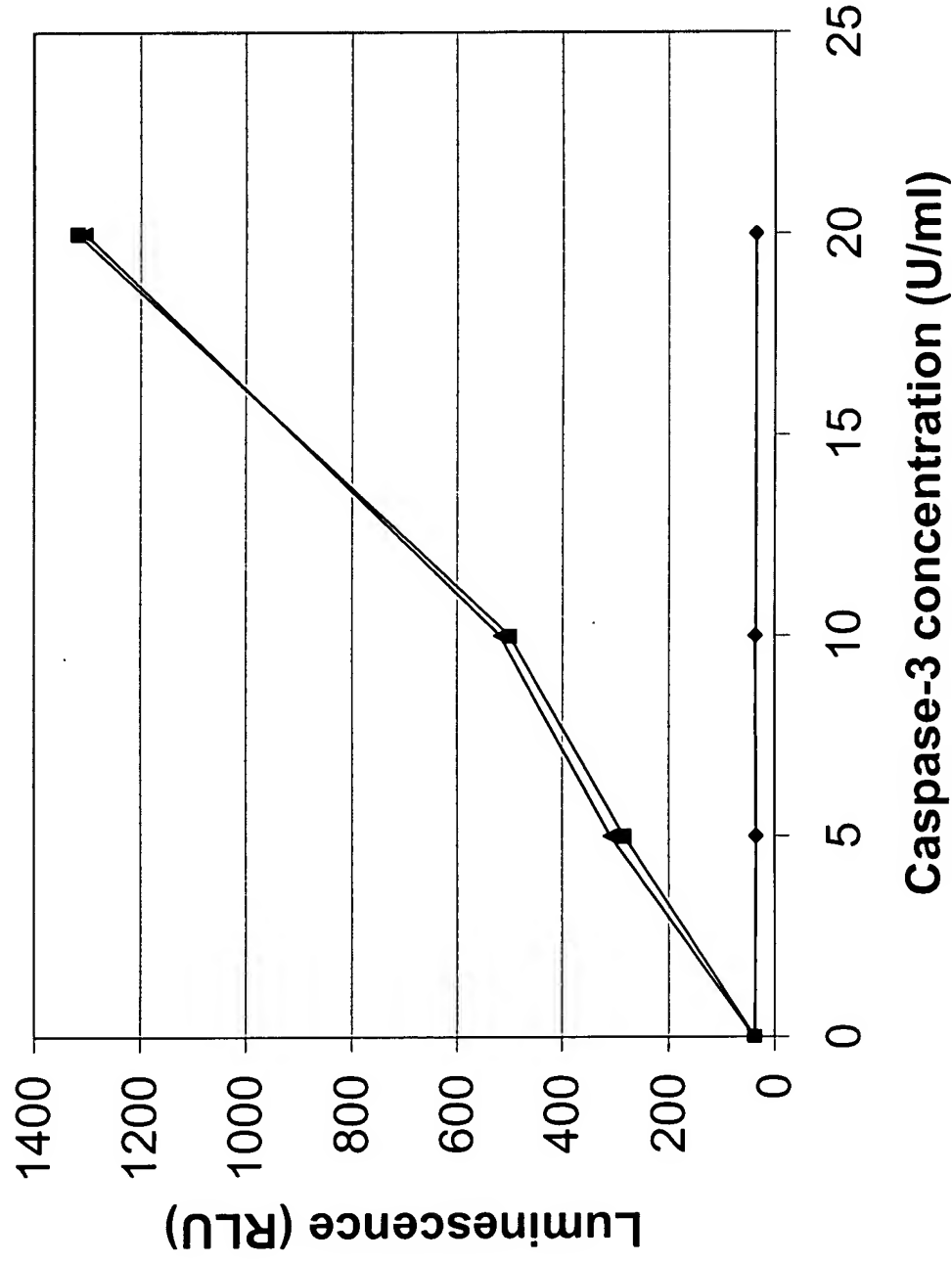


Fig 9C

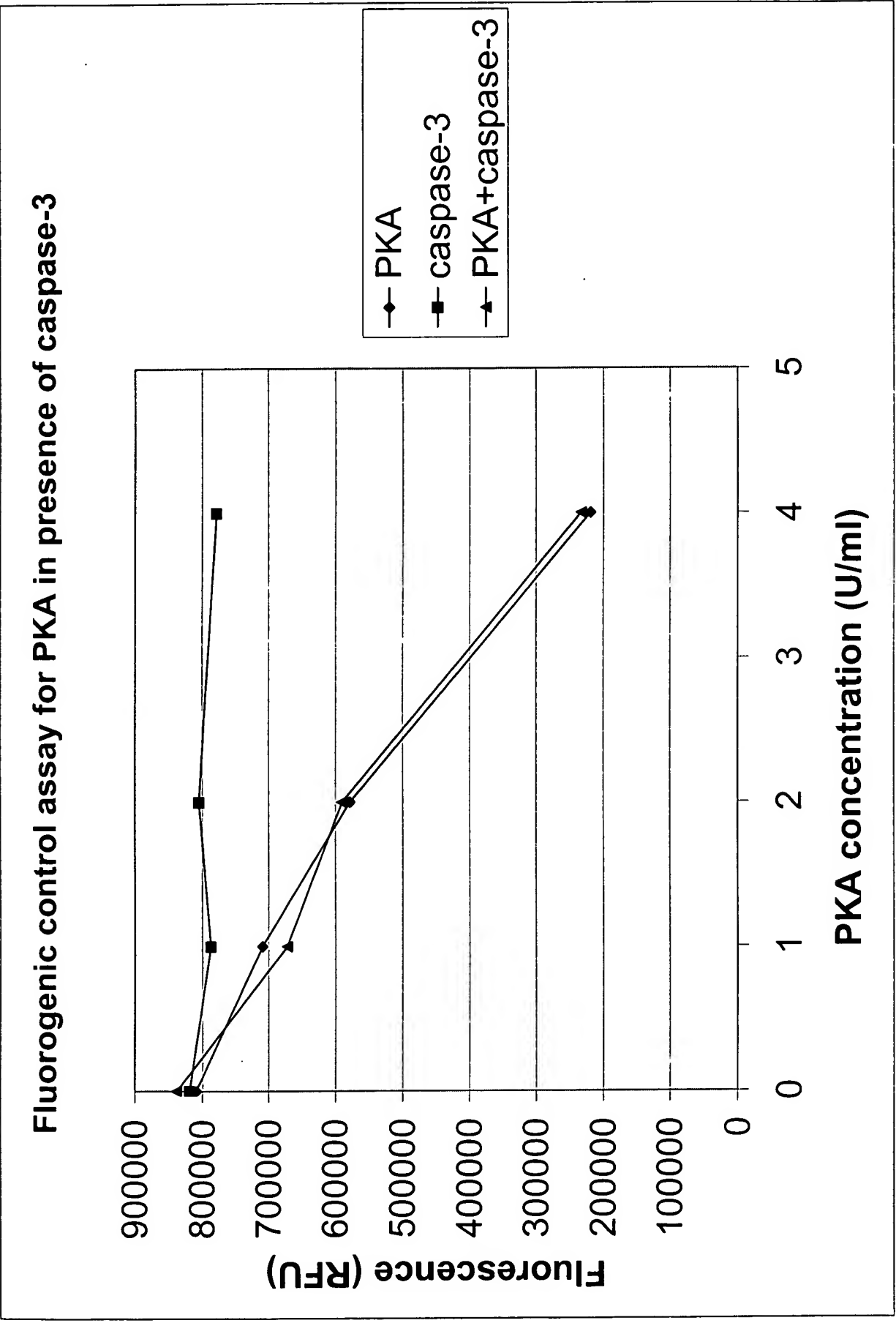


Fig 9D

**Detection of *Renilla* luciferase in presence of caspase-3
detection reagent**

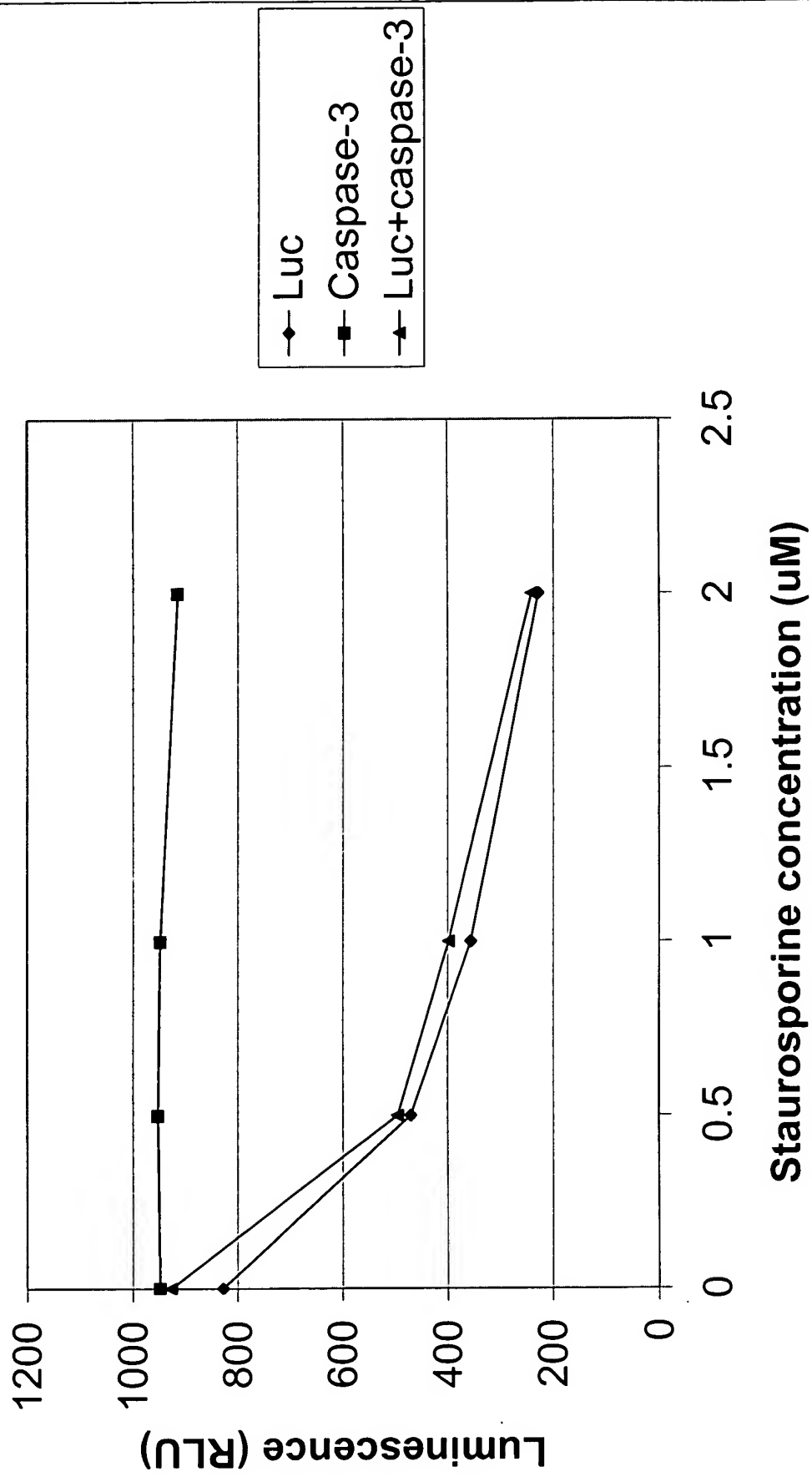


Fig 10 A

**Detection of caspase-3 in presence of *Renilla* luciferase
detection reagent**

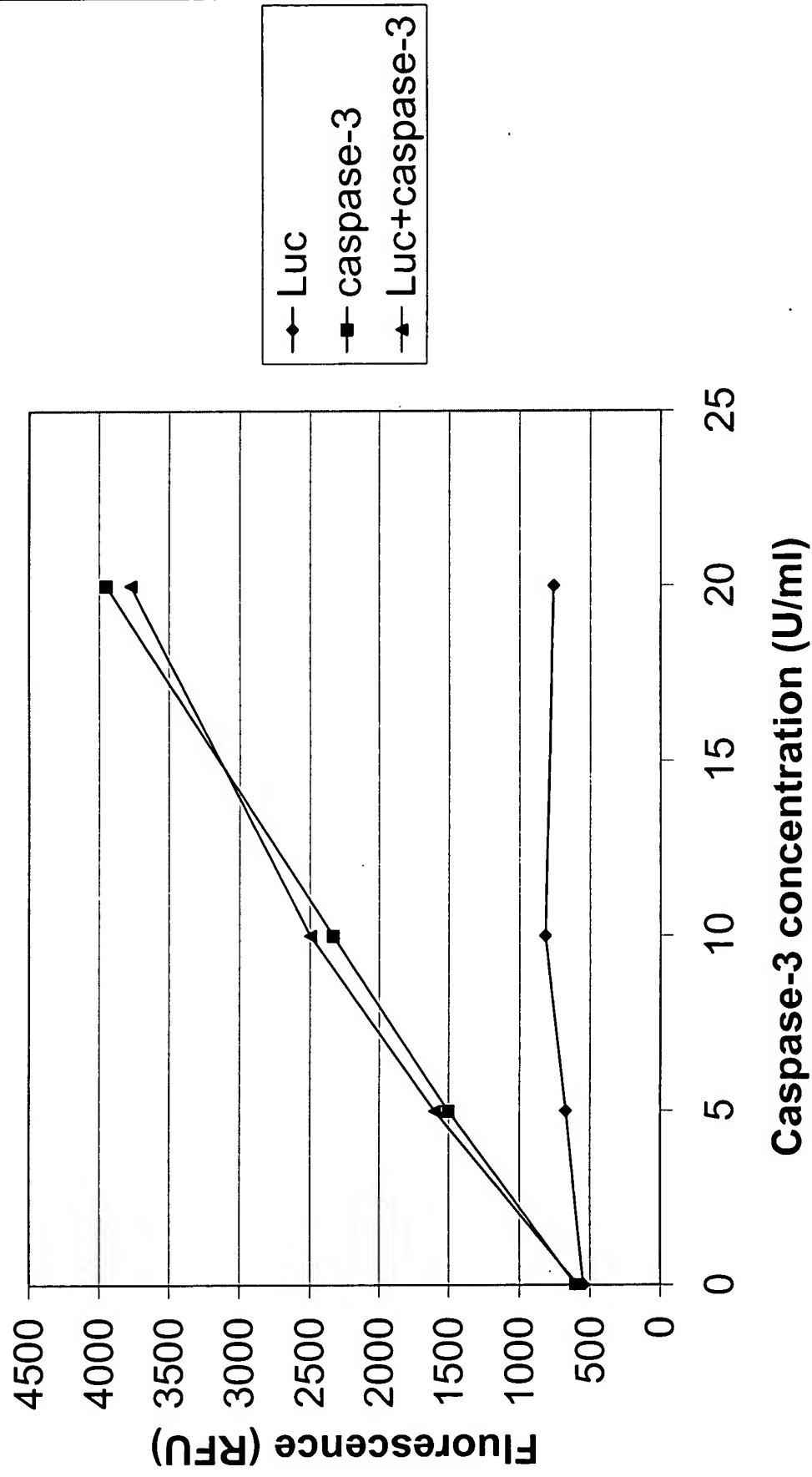


Fig 10a

Luminogenic control assay for *Renilla* luciferase in presence of caspase-3

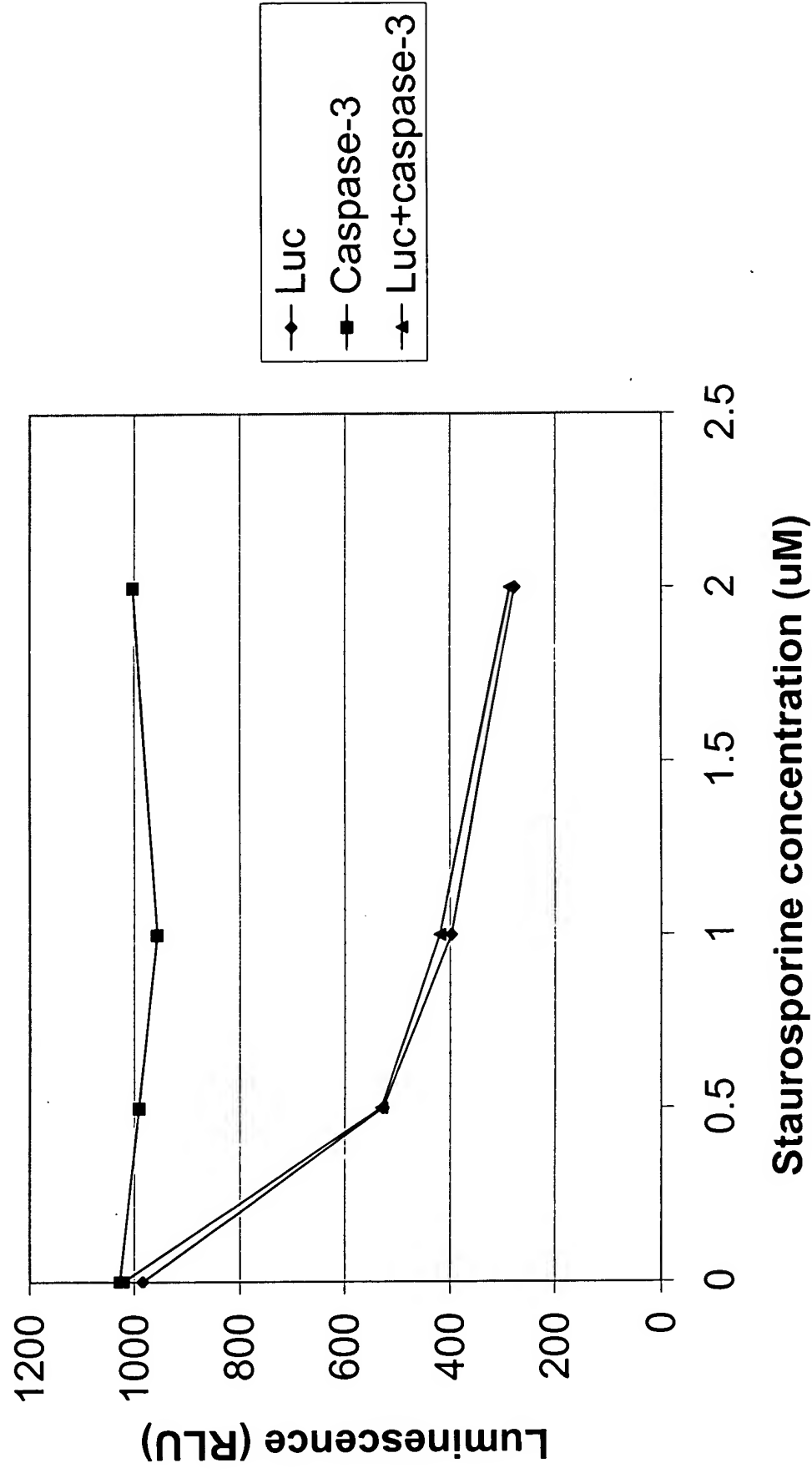


Fig 10B

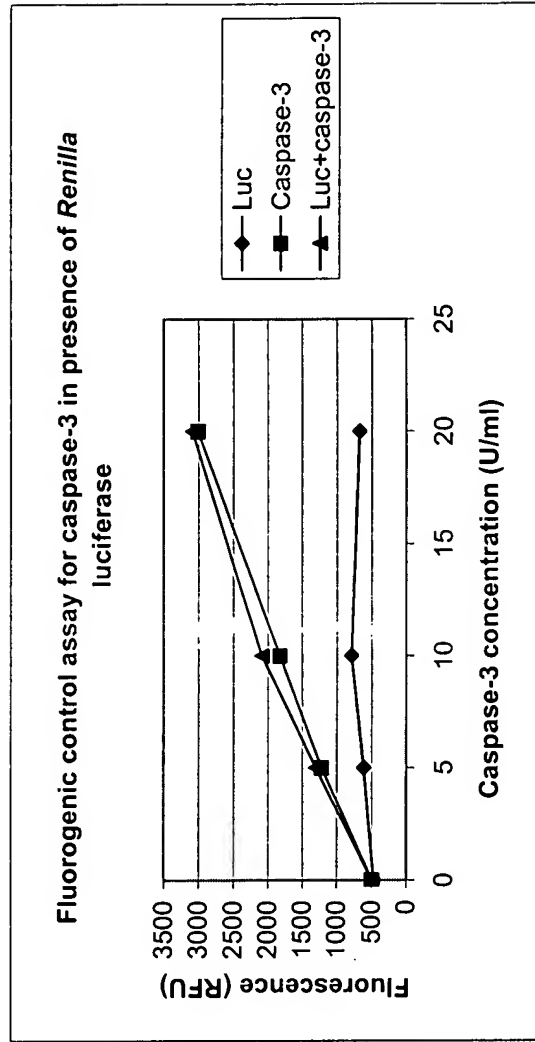


Fig 10D